



NITFS Compliance Registration



Product: End Processing Environment (FPE) Version 8.1 for the production of
Digital Point Positioning Data Base (DPPDB)
Sponsor: National Geospatial-Intelligence Agency (NGA)
Date of: 27 December 2005
Expiration: 26 December 2007
Registration #: 345

Developer: Maintenance (IT/IS)

☐ Initial Registration
☒ Supplemental/Update #88
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Product
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

Format
☐ NITF
☐ v2.1
☒ v2.0
☐ v1.1
☐ NSIF
☐ v1.0

Image Segment Types
☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NO DISPLAY
☐ POLAR

Data Extension Segments
☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☒ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions
☒ SIRA
☒ ADAA
☒ ADRA
☒ RDRA
☒ SDDA
☒ GSPA
☒ DPDA
☒ PRAA
☒ RSDA
☒ UPDA
☒ CBDA
☒ ASDA
☒ RFCA

Image Compression
☐ Not Compressed
☒ PEG Lossy, 8-bit
☐ PEG Lossy, 12-bit
☐ PEG Downsample
☐ PEG Lossless
☐ PEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Pixel Value Types
☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types
☐ Bit Mapped **
☒ COM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments
☒ TA
☐ UT1
☐ U8S
☐ MTF

Legend
Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

| Complexity Level | | | | | | | |
|------------------|---|---|---|---|---|---|-----|
| NITF 2.1 CLEVEL | | | | | | | |
| | 3 | 5 | 6 | 7 | | | |
| Interpret | | | | | | | |
| Generate | | | | | | | |
| NITF 2.0 CLEVEL | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
| Interpret | | | | | | | |
| Generate | | | | | | | |

Configurations Tested:
- Sun Enterprise Network, Solaris 8

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for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.